CLAIMS

1.   A method for rolling back an image comprising:

determining a roll-back state;

configuring a current state to the roll-back state; and

5   determining whether the roll-back state is secure.

2.   A method as recited in claim 1 further including securing the roll-back state.

3.   A method as recited in claim 1 wherein the image is a system.

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4.   A method as recited in claim 1 wherein the image is a file.

5.   A method as recited in claim 1 wherein the image is an application.

15   6.   A method as recited in claim 1 wherein determining a roll-back state includes determining a non-infected state.

7.   A method as recited in claim 1 wherein configuring a current state to the roll-back state includes marking a first portion of a repository.

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8.   A method as recited in claim 7 wherein configuring a current state to the roll-back state further includes reverting a second portion of the repository.

9.   A method as recited in claim 1 wherein securing the roll-back state further

25   includes evaluating a definition in a repository providing data to the roll-back state.

10.   A method as recited in claim 1 wherein securing the roll-back state further includes determining whether the definition is updated.

11. A method as recited in claim 1 wherein securing the roll-back state further includes retrieving an updated definition if the definition is not updated.

12. A method as recited in claim 1 wherein securing the roll-back state further
5 includes installing the updated definition if the definition is not updated.

13. A method as recited in claim 1 wherein configuring a current state to the roll-back state further includes:
    displaying a message; and
10   receiving a user input.

14. A method as recited in claim 13 wherein configuring a current state to the roll-back state further includes using the user input to determine the roll-back state.

15 15. A method for rolling back a computer state comprising:
    scanning a repository;
    leaving a marker in a first portion of the repository;
    determining a safe state;
    reverting the computer state to the safe state; and
20   analyzing a second portion of the repository determined by the marker and the safe state.

16. A method as recited in claim 15 wherein scanning the repository further comprises:
25   determining a version; and
    updating the version if the version occurred prior to leaving the marker in the first portion of the repository.

17. A method as recited in claim 15 wherein determining a safe state includes
30 searching for a virus.

18.   A method as recited in claim 15 wherein determining a safe state includes evaluating a result of a vulnerability assessment.

5   19.   A method as recited in claim 15 wherein reverting the computer state to a safe state includes restoring a system to a previously non-infected version of the system.

20.   A method as recited in claim 15 wherein reverting the computer state to a safe state includes restoring a file to a previously non-infected version of the file.

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21.   A method as recited in claim 15 wherein reverting the computer state to a safe state includes restoring an application to a previously non-infected version of the application.

15   22.   A method as recited in claim 15 wherein the first portion of the repository is non-revertible.

23.   A method as recited in claim 15 wherein the second portion of the repository is revertible.

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24.   A system for rolling back an image comprising:
       a repository for storing data;
       a scanner for determining a roll-back state;
       a protection module for configuring a current state to the roll-back state; and
25   a definition for securing the roll-back state.

25.   A system as recited in claim 24 wherein the repository further includes:
       a first portion of non-revertible memory for storing a marker; and
       a second portion of revertible memory for storing data related to the roll-back
30   state.

26.   A computer program product for rolling back an image, the computer program product being embodied in a computer readable medium and comprising computer instructions for:

5   determining a roll-back state;

            configuring a current state to the roll-back state; and

            securing the roll-back state.

27.   A computer program product for rolling back a computer state, the computer
10   program product being embodied in a computer readable medium and comprising computer instructions for:

            scanning a repository;

            leaving a marker in a first portion of the repository;

15   determining a safe state;

            reverting the computer state to the safe state; and

            analyzing a second portion of the repository determined by the marker and the safe state.

20   28.   A data signal embodied in a carrier wave comprising:

            instructions for determining a roll-back state;

            instructions for configuring a current state to the roll-back state; and

            instructions for securing the roll-back state.

25   29.   A data signal embodied in a carrier wave comprising:

            instructions for scanning a repository;

            instructions for leaving a marker in a first portion of the repository;

            instructions for determining a safe state;

            instructions for reverting the computer state to the safe state; and

30   instructions for analyzing a second portion of the repository determined by the marker and the safe state.